

Produced by the South Central Center for Public Health Preparedness
in partnership with the Alabama Department of Public Health

PREPAREDNESS UPDATE

Tools for Computer-Assisted Planning

Satellite Conference

Tuesday, November 16, 2004, 12:00-1:30 p.m. (Central Time)
1:00-2:30 p.m. (Eastern Time) • 11:00 a.m.-12:30 p.m. (Mountain Time) • 10:00-11:30 a.m. (Pacific Time)

Since the late 1990s, there have been a number of federally-funded studies specific to the capacity of the public health and medical communities to respond to bioterrorism. A full year before the September 11 attacks, Dr. Nathaniel Hupert collaborated with the New York City Office of Emergency Management to develop computer models of high-flow antibiotic dispensing sites. Computer models and a community planning guide for mass prophylaxis developed by Dr. Hupert's research team are now prominently featured on the web sites of the Centers for Disease Control and Prevention and American Hospital Association, and several states have used the prophylaxis staffing model for state-wide preparedness planning.

This program will address recent developments in computer-assisted design of bioterrorism response plans in the pre-hospital and hospital setting. After a brief review of existing programs, Dr. Hupert will focus on several models that have been developed under contract to the Department of Health and Human Services, Agency for Healthcare Research and Quality. These models assist planners in estimating the volume and timing of patient surge arrivals after a biological event such as an airborne anthrax release, as well as the number and type of staff required for large-scale pre-hospital mass prophylaxis campaigns.

Faculty:

Nathaniel Hupert, MD, MPH
Assistant Professor of Public Health and Medicine
Weill Medical College of Cornell University

Objectives:

1. To survey currently available computer modeling tools for bioterrorism response planning.
2. To describe and demonstrate two models developed at Weill Cornell Medical College: the Bioterrorism and Epidemic Outbreak Response Model, and the Regional Hospital Caseload Calculator Model.
3. To preview new directions in modeling that are currently being undertaken to link resource assessments for both pre-hospital and hospital-based care in responding to bioterrorism and other public health emergencies.

Conference Details:

Target Audience: Public health professionals and their partners with whom they will need to communicate in a public health emergency

Registration: www.adph.org/alphntn **Cost:** No cost

CEU's: No CEU's for this satellite conference

Satellite Coordinates: C & Ku Band

Conference Materials: Posted on our website approximately one week before the program

Questions: alphntn@adph.state.al.us or 334-206-5618

Issues or questions you want addressed during the conference?

Email (alphntn@adph.state.al.us) or fax (334-206-5640) the conference faculty. They will respond during the program.

For a complete listing of upcoming programs,
visit our website: www.adph.org/alphntn